

ABSTRACT

UNIT FOR SORTING AND PACKAGING PRODUCTS
CAPABLE OF BEING HUNG ON A HOOKING MEMBER
FOR THE PURPOSE OF THEIR CONVEYANCE, SUCH AS
BUNCHES OF FRUITS, IN PARTICULAR TABLE GRAPES
OR TRUSS TOMATOES

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The invention relates to a unit for sorting and packaging products such as bunches of fruits, having a conveying line with an endless chain (1) beneath which there are articulated about a vertical axis a plurality of coupling arms (12) equipped with a coupling member for the purpose of pulling plates (16) equipped with a member for hooking on a product and deployed along a conveying track (17) parallel to and below the conveying line. Furthermore, along this conveying line there are distributed a plurality of work stations, each having a relief track (29) to which the pulled plates are selectively directed by routing means (34, 36), and along which each of the plates (16) is successively uncoupled by automatic pivoting of the coupling arms (12), is brought into a position of readiness for the purpose of its loading or its unloading, and then is recoupled automatically to a coupling arm (12), and hence reintegrated along the conveying line.